

Title (en)
FILTER ELEMENT AND FUEL PRE-FILTER MODULE

Title (de)
FILTERELEMENT UND KRAFTSTOFFVORFILTERMODUL

Title (fr)
ÉLÉMENT DE FILTRE ET MODULE DE PRÉ-FILTRE DE CARBURANT

Publication
EP 3843873 C0 20231101 (EN)

Application
EP 19758975 A 20190826

Priority
• US 201862724201 P 20180829
• EP 2019072711 W 20190826

Abstract (en)
[origin: WO2020043663A1] Disclosed is a fuel pre-filter module for pre-filtering fuel for internal combustion engines, including but not limited to internal combustion engines for light trucks, buses, construction, and agricultural machines. Also disclosed is a filter element for use in the fuel pre-filter module.

IPC 8 full level
B01D 29/21 (2006.01); **B01D 35/153** (2006.01); **B01D 35/26** (2006.01); **B01D 36/00** (2006.01)

CPC (source: EP US)
B01D 29/15 (2013.01 - US); **B01D 29/21** (2013.01 - EP); **B01D 35/005** (2013.01 - US); **B01D 35/153** (2013.01 - EP US);
B01D 35/26 (2013.01 - EP US); **B01D 36/001** (2013.01 - EP); **B01D 36/005** (2013.01 - EP); **B01D 36/006** (2013.01 - EP);
F02M 37/34 (2019.01 - US); **B01D 36/005** (2013.01 - US); **B01D 2201/291** (2013.01 - EP US); **B01D 2201/342** (2013.01 - US);
B01D 2201/4061 (2013.01 - EP US); **B01D 2201/4076** (2013.01 - EP US); **B01D 2201/4084** (2013.01 - EP US); **B01D 2201/4092** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2020043663 A1 20200305; BR 112021001302 A2 20210511; CN 112584911 A 20210330; EP 3843873 A1 20210707;
EP 3843873 B1 20231101; EP 3843873 C0 20231101; US 11826671 B2 20231128; US 2021252437 A1 20210819; US 2024042354 A1 20240208

DOCDB simple family (application)
EP 2019072711 W 20190826; BR 112021001302 A 20190826; CN 201980056424 A 20190826; EP 19758975 A 20190826;
US 202117185311 A 20210225; US 202318491899 A 20231023